

MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

Mike Kehoe
Governor

Kurt U. Schaefer
Director

February 18, 2026

**FINANCIAL ASSISTANCE CENTER
FINDING OF NO SIGNIFICANT IMPACT/ENVIRONMENTAL ASSESSMENT**

TO: ALL INTERESTED GOVERNMENT AGENCIES AND PUBLIC GROUPS

In accordance with procedures for environmental review found at 10 CSR 60-13.030, a review has been performed on the proposed action below:

Project Identification: Drinking Water System Distribution and Storage Improvements

Applicant: Public Water Supply District (PWSD) No. 1 of Knox County

Project No: DW291354-02

County: Knox

State: Missouri

Estimated Project Amount: \$5,239,610

Potential State Revolving Fund (SRF) Amount: \$5,239,610

COMMUNITY DESCRIPTION:

Location: The water system is located in northeastern Missouri in Knox County and western Lewis County.

Population, Present and Projected, and Design Year: The water supply district serves 1,771 service connections with an average daily demand of 252,493 gallons per day (gpd) and a daily peak water demand of 430,714 gpd. The 20-year growth forecasts a future service of approximately 1,948 connections with an average daily demand of 277,742 gpd and a peak daily demand of 473,785 gpd.

Current Methods of Supply, Storage, and Distribution: The district purchases all of their water from the Clarence Cannon Wholesale Water Commission. The district maintains six active storage facilities: two 100,000-gallon elevated tanks, two 70,000-gallon standpipes, a 38,000-gallon standpipe, and a 102,000-gallon standpipe. The distribution system is divided into three pressure zones and includes three booster pump stations, two of which are points of connection.



PROJECT DESCRIPTION:

Distribution Improvements: The project will consist of an interconnection between Knox County PWSD No. 1 and Clark County Consolidated PWSD No. 1. The project will also include replacement of the metering system with cellular read meters and upgrades to the supervisory control and data acquisition (SCADA) system to be compatible with 4G networks.

Water Storage Improvements: The project will consist of the construction of a new 100,000-gallon elevated storage tank in the Baring/Hurdland region and decommissioning of the existing standpipes in the same region.

Purpose and Need: The interconnection with Clark County Consolidated PWSD No. 1 will supply Knox County PWSD No. 1 with additional capacity to meet demands that the current connection cannot provide. The district also needs additional water storage capacity to keep up with current and future demands. The increased capacity and storage will provide consistent, safe drinking water over the 20-year design period as demand increases.

Design Factors: Work will be performed in right-of-ways, easements, and on property owned by the water system. Construction activity will consist of boring, trenching, digging, movement of machinery over the surface, and consisting of new structures. The design standards used in this project are based on the 2013 Minimum Design Standards for Missouri Community Water Systems.

The total construction cost for the proposed improvements including engineering and administrative costs is approximately \$5,239,160.

ALTERNATIVES CONSIDERED

Storage Alternatives

- No Action (Not Selected): This alternative would require the district to continue to operate and maintain the existing system to provide water service to its customers. This would not address the inadequate storage provided by the existing standpipes.
- Action Alternative No. 1 (Not Selected): This alternative would see the construction of a new 50,000-gallon elevated storage tank and rehabilitation of the existing standpipes. This alternative was not selected due to the size and cost of the new tank.
- Action Alternative No. 2 (Not Selected): This alternative would see the construction of a third, 12-foot diameter standpipe. This alternative was not selected because it would not provide enough storage.
- Action Alternative No. 3 (Selected): This alternative will see the replacement of the existing standpipes with a 100,000-gallon elevated tank.

Distribution Alternatives

- No Action (Not Selected): This alternative would require the district to continue to operate and maintain the existing system to provide water service to its customers. This would not address the growing demand or the aging meter system.

- Action Alternative No. 4 (Selected): This alternative will provide an interconnection with Clark County Consolidated PWSD No. 1. It will also include the replacement of water meters with cellular read meters and updating the SCADA from a 3G network to a 4G network.

REASONS FOR SELECTION OF PROPOSED ALTERNATIVES:

Action alternatives Nos. 3 and 4 were chosen over the other alternatives as they provide the most financially feasible improvements to help with storage capacity and improve source water, and distribution demands.

ENVIRONMENTAL IMPACT SUMMARY

1. Primary Impacts:

- a. Construction: Blowing dust, temporary surface disruption, and noise from construction equipment will occur during construction, but these impacts are expected to be minor and temporary in nature. Best management practices for erosion control measures are part of the project specifications.
- b. Environmental: Environmental impacts of the project are expected to be temporary in nature.
- c. Financial: The current rates are \$68.00 per 5,000 gallons. The district will evaluate rates as part of the project. Significant rate increases are not expected but could raise slightly.

2. Secondary:

- a. Population Impacts: This project is designed to serve the existing water system. No relocation of people or structures is anticipated.
- b. Land Use and Trends: No significant change in land use trends is expected to result from this project.
- c. Environmental: No significant secondary environmental impacts are expected as a result of this project.

3. Mitigation Measures Necessary to Eliminate Adverse Environmental Effects: Noise, dust, and erosion normally associated with construction will be minimized by good engineering and construction practices. Restoration of disturbed areas along the water mains will be undertaken after construction is complete. Any debris such as demolition and construction waste, trees, or brush, will be disposed of properly.

The Gray and Indiana bats are included on the federal and state-listed endangered species, and Northern Long-Eared bats are included on the federal-listed threatened species list and may be present in the area. Caves known to harbor the bats are not to be entered.

Based on the US Fish and Wildlife response, as long as tree clearing is completed between November 1st and March 31st, no listed bats will be impacted. No trees are expected to be cleared with the project.

4. Irreversible and Irretrievable Commitment of Resources: Fuel, chemicals, and construction materials will be irretrievably committed to the project. Future funds will be committed to the operation and maintenance of the water system.
5. Positive Environmental Effects to be Realized from the Proposed Project: The proposed improvements to the district's system will help provide better water quality, improve operations, and provide more reliability throughout the system.
6. Reasons for Concluding there will be No Significant Impacts: The proposed project will have a positive impact on water quality and reliability. Population densities and land use trends will not be significantly affected. Where minor impacts will occur, appropriate mitigation measures are planned.

PUBLIC PARTICIPATION

1. Public Involvement: The district conducted a public meeting to discuss the proposed project improvements, the engineering alternatives, and environmental impacts of the project on January 22, 2026, at the water district's office located at 101 East Main Street, Knox City, MO 63446. Notice of the meeting appeared on December 10, 2025, in the Edina Sentinel, a weekly newspaper of general circulation in the region.
2. Public Opposition or Opinions: No adverse comments on the proposed project were received.

COORDINATION AND DOCUMENTATION WITH OTHER AGENCIES AND SPECIAL INTEREST GROUPS

1. Facility Plan:
 - Preliminary Engineering Report dated June 2022, Amendment #1 dated February 2024
 - Environmental Information Document dated January 2026All documents were prepared by Four Points Land Surveying & Engineering, Inc.
2. Federal: X U.S.F.W.S. X Corps of Engineers
3. State:
 - a. Missouri DNR – State Historic Preservation Office
 - b. Missouri DNR – Division of State Parks
 - c. Missouri DNR – Missouri Geological Survey
 - d. Missouri Office of Administration – Federal Assistance Clearinghouse
 - e. Missouri Department of Conservation

Historical and Cultural Notices

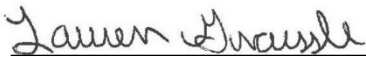
- a. Missouri Department of Natural Resources – State Historic Preservation Office
- b. Indian Tribes

4. Consulting Engineer: Four Points Land Surveying & Engineering, Inc.
17 Northport Plaza
Hannibal, MO 63401

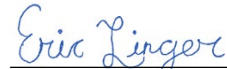
This action is taken on the basis of a careful review of the facility plan on file in the office of the Missouri Department of Natural Resources' Financial Assistance Center at 1101 Riverside Drive, Jefferson City, MO 65101. These are available for public review upon request Monday through Friday, 8:00 a.m. to 5:00 p.m. This agency will not take any administrative action on this project for at least 30 calendar days from the date of this document. Persons wishing to comment on the above environmental decision may submit comments to Erickson Linger, Department of Natural Resources, Financial Assistance Center, Jefferson City, MO 65102-0176, during this period. Thank you.

Sincerely,

FINANCIAL ASSISTANCE CENTER



Lauren Graessle, P.E.
Director



Erickson Linger
Associate Engineer

LG:elb

February 18, 2026

Date

Attachments

DISTRIBUTION

Department of Conservation
P.O. Box 180
Jefferson City, MO 65102

Conservation Federation of Missouri
728 West Main Street
Jefferson City, MO 65101

U.S. Environmental Protection Agency
c/o Ann D'Alfonso – WWPD/SRFB
dalfonso.ann@epamail.epa.gov

Missouri Department of Natural Resources
Missouri Geological Survey
Environmental Geology Section
P.O. Box 250
Rolla, MO 65402-0250

Missouri Department of Natural Resources
Division of State Parks
State Historic Preservation Office
P.O. Box 176
Jefferson City, MO 65102-0176

U.S. Fish and Wildlife Service
Ecological Services
john_s_weber@fws.gov

National Park Service
Midwest Region
mwro_compliance@nps.gov

USDA Rural Development
601 Business Loop 70 West
235 Parkade Center
Columbia, MO 65203

Gilmore and Bell, P.C.
c/o Shannon Walsh Creighton
One Metropolitan Square
211 North Broadway, Suite 2000
St. Louis, MO 63102-2741

SRF File DW291354-02

Knox County Public Water Supply District No. 1
c/o Gary Mallett
Manager
P.O. Box 138
Knox City, MO 63446

Four Points Land Surveying & Engineering, Inc.
c/o Kyle Pociask, P.E.
17 Northport Plaza
Hannibal, MO 63401

Missouri Department of Natural Resources
Northeast Regional Office
1709 Prospect Drive
Macon, MO 63552-2602

The Edina Sentinel
207 North Main Street
P.O. Box 270
Edina, MO 63537

Environmental Protection Agency
Office of Federal Activities
Ariel Rios (2252A)
1200 Pennsylvania Avenue, N.W.
Washington, DC 20004

Council of Environmental Quality
722 Jackson Place, N.W.
Washington, DC 20503

U.S. Army Corps of Engineers
Rock Island District
P.O. Box 2004
Rock Island, IL 61204

Northeast Missouri Regional Planning
Commission
121 South Cecil Street
Memphis, MO 63555

Lewis, Rice and Fingersh
c/o David Brown
500 North Broadway, Suite 2000
St. Louis, MO 63102

Attached Maps

1. State Map/Project Location Map
2. Project Location Maps

State of Missouri

PWSD No. 1 of Knox County, MO



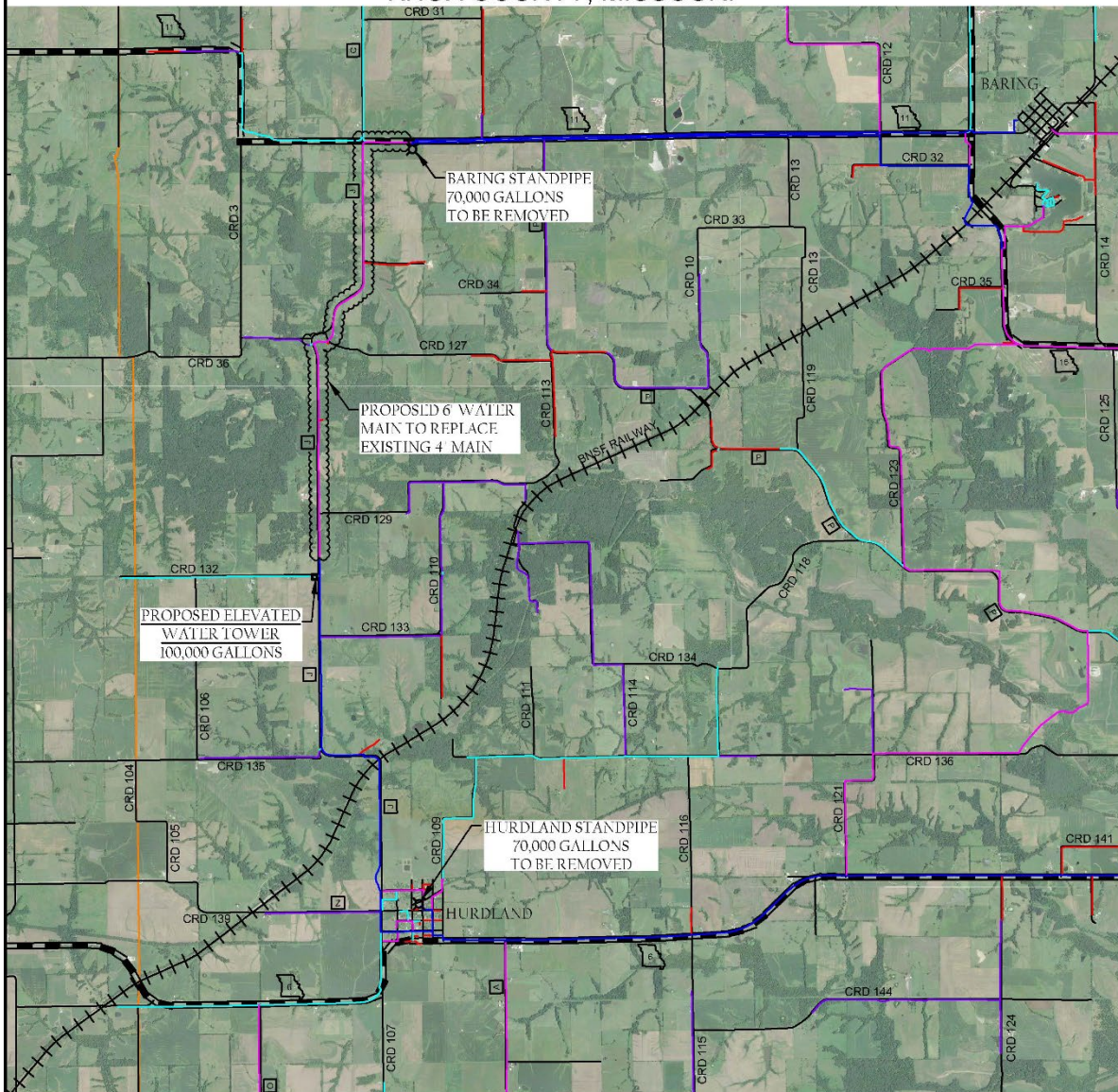
Project Location Maps

EXHIBIT SKETCH

WATER SYSTEM IMPROVEMENTS

KNOX COUNTY PWSD #1

KNOX COUNTY, MISSOURI



SHEET NO.	PROJECT NO.	DRAWING NAME	DRAWN	SURVEY	CHECKED
1 OF 1	24-0403	240403 Exhibit	PWS	N/A	KTP

SITE SURVEY

PREPARED FOR:
**PWSD NO. 1 OF
KNOX COUNTY**

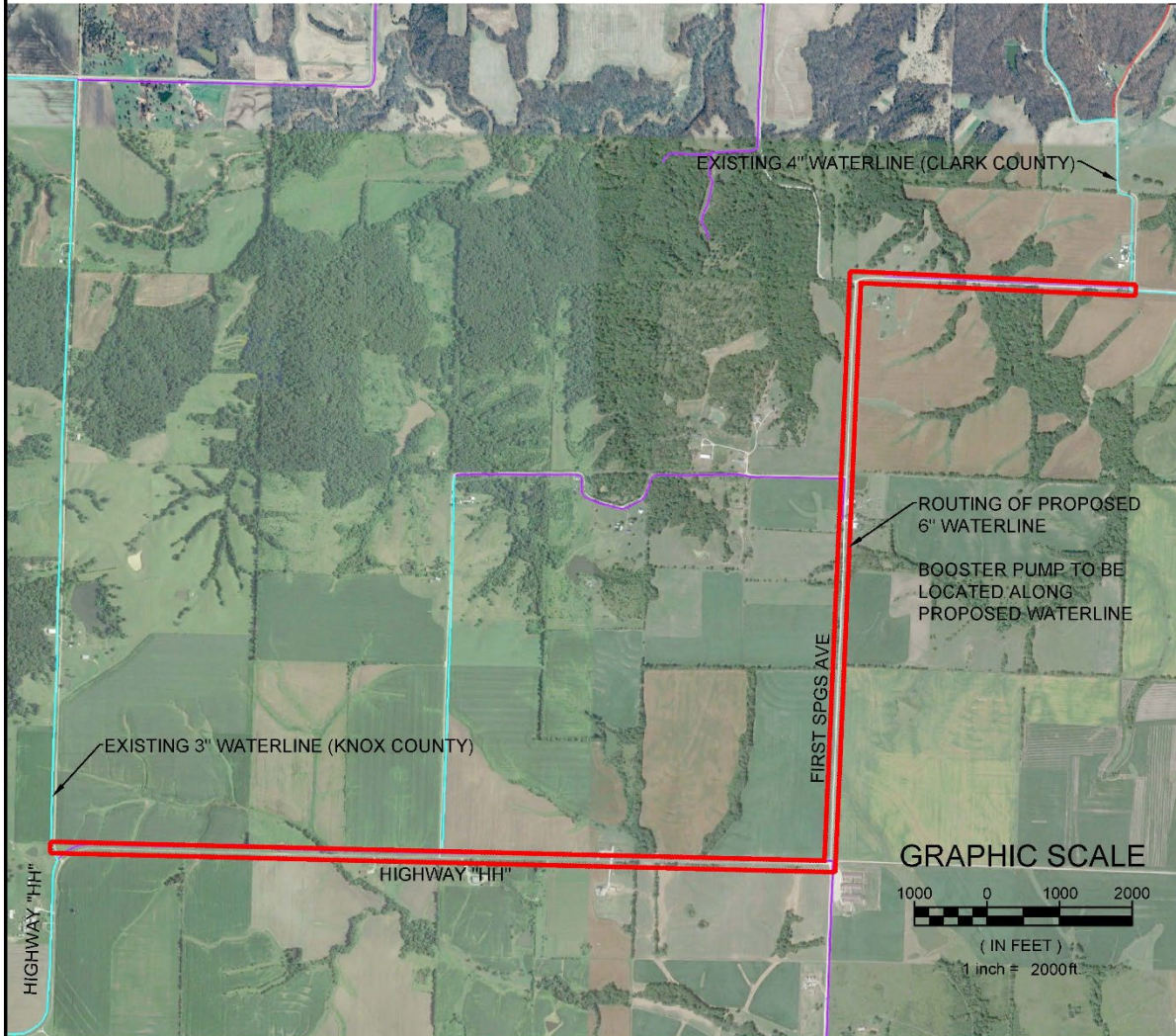


**FOUR POINTS LAND SURVEYING
AND ENGINEERING, INC.**
17 NORTHPORT PLAZA
HANNIBAL, MO. 63401
573-406-5533
MISSOURI CERTIFICATE OF AUTHORITY #2010035243



EXHIBIT SKETCH

INTERCONNECTION ROUTE FOR PWSD #1 OF KNOX COUNTY, MISSOURI



SHEET NO.	PROJECT NO.	DRAWING NAME	DRAWN	SURVEY	CHECKED
1 OF 1	24-0403	240403 InterExhibit	KTP	N/A	KTP

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